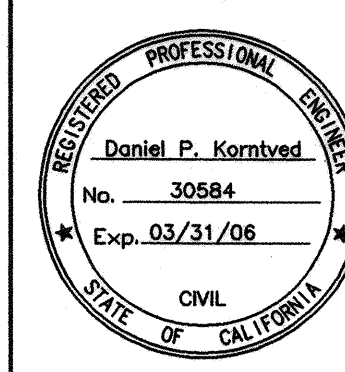
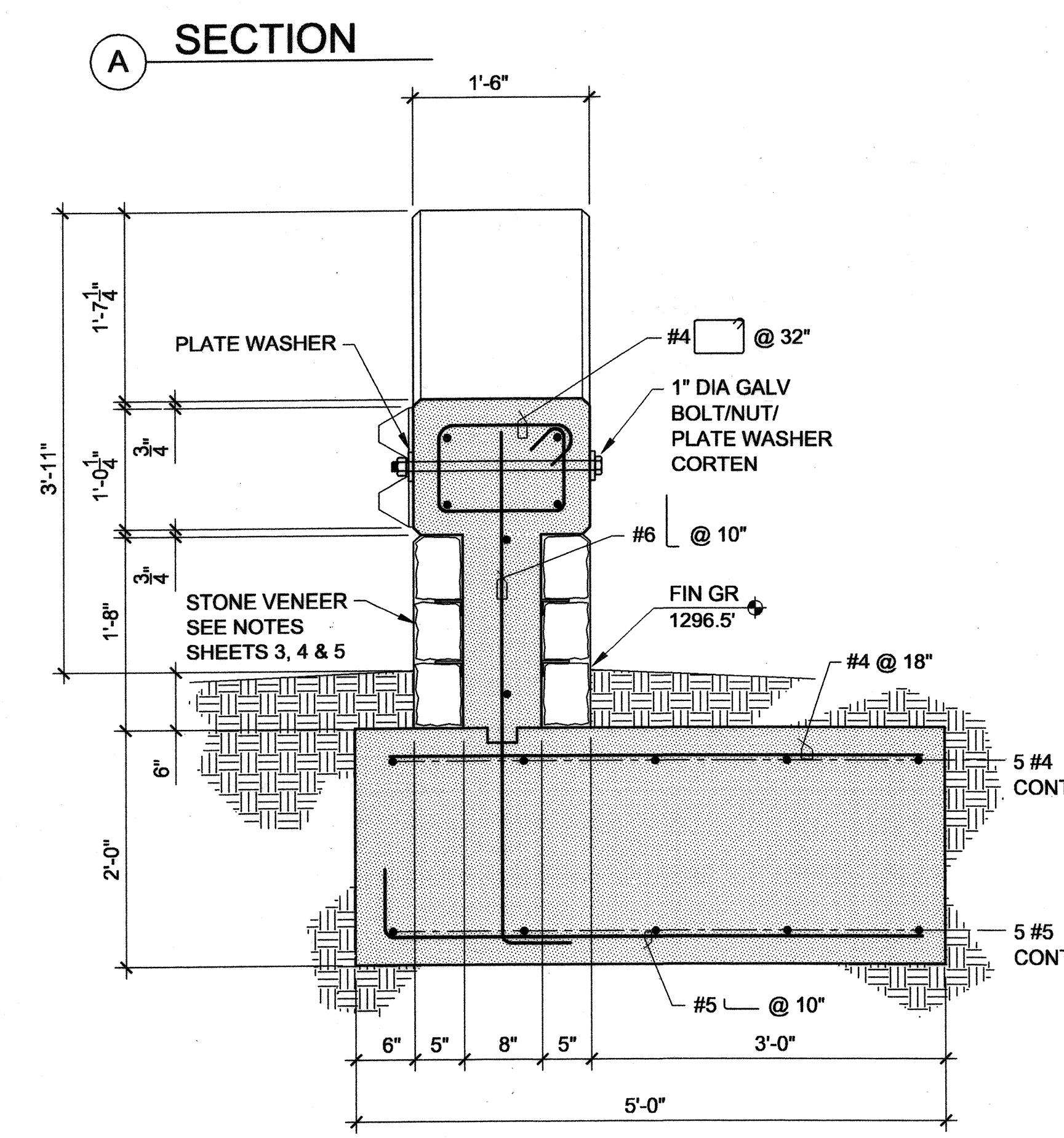
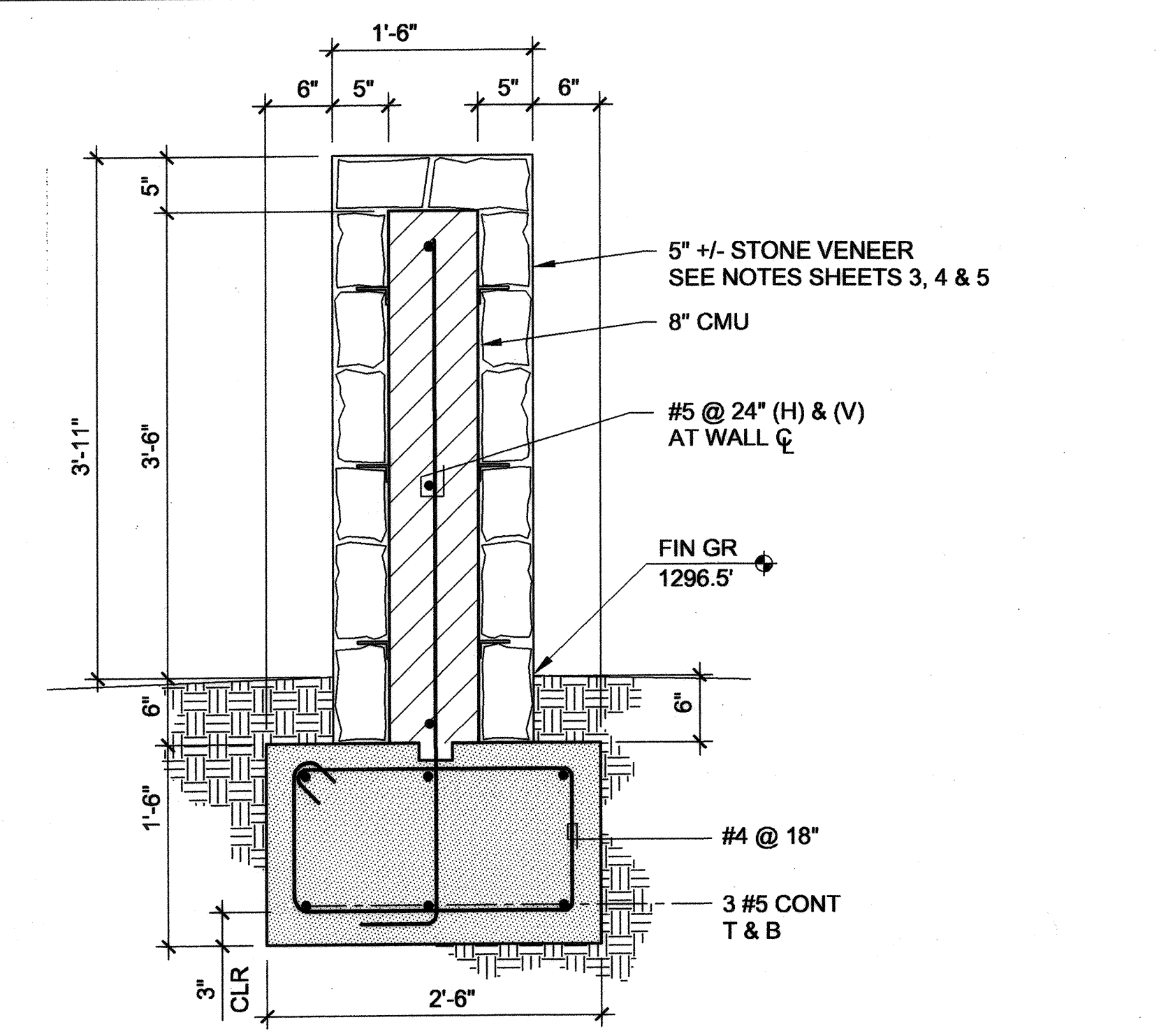
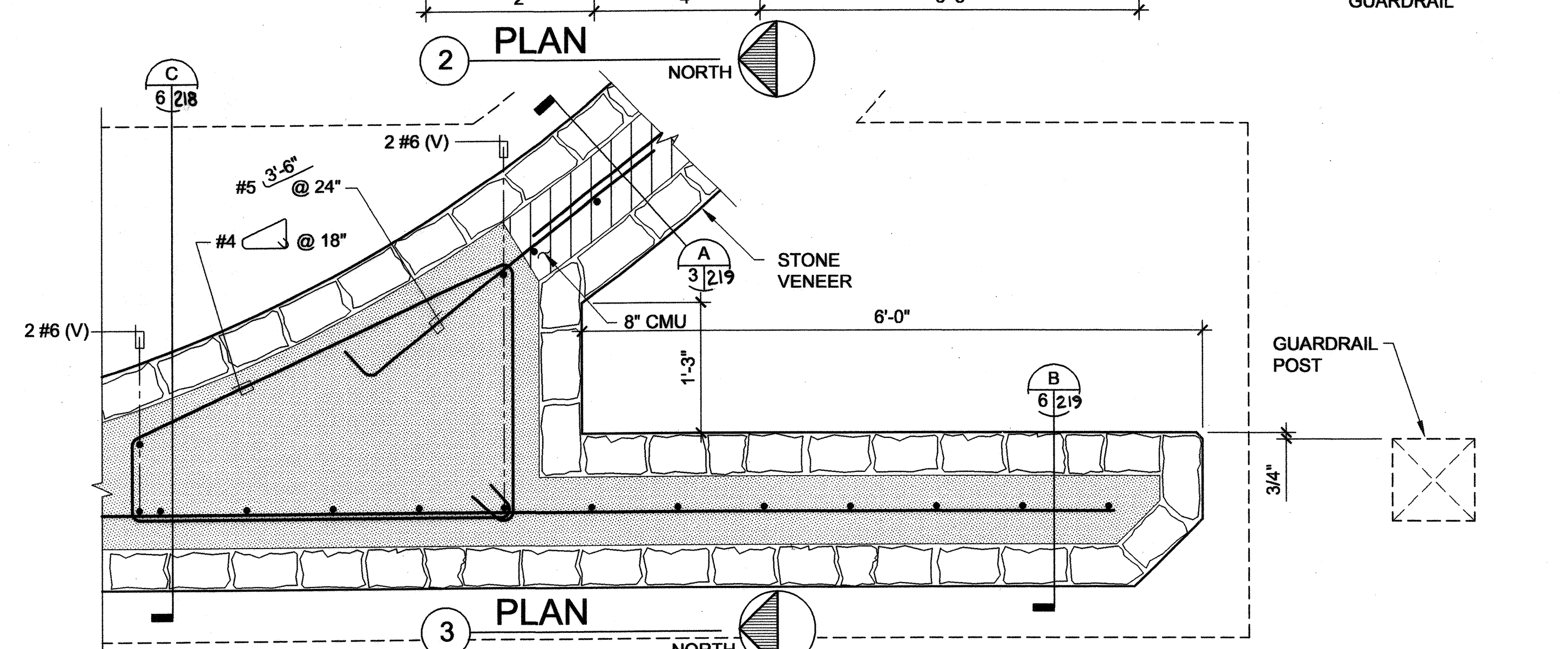
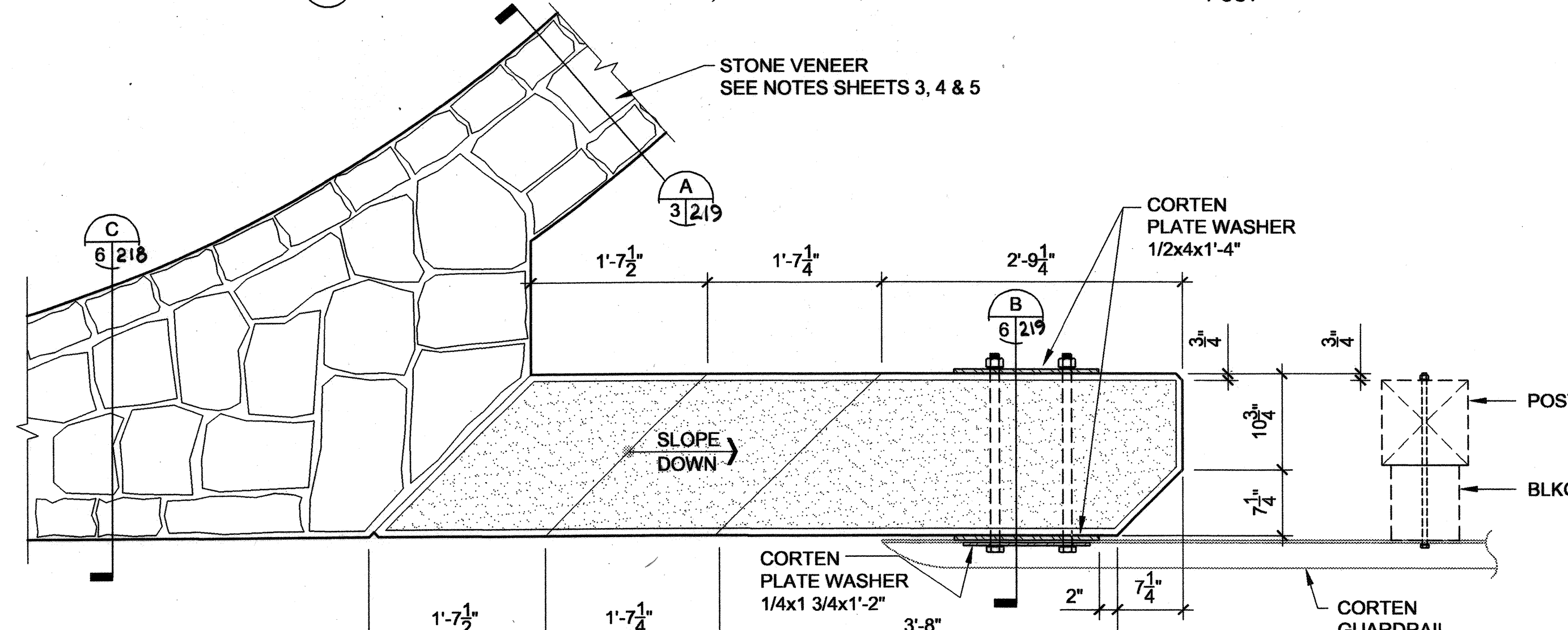
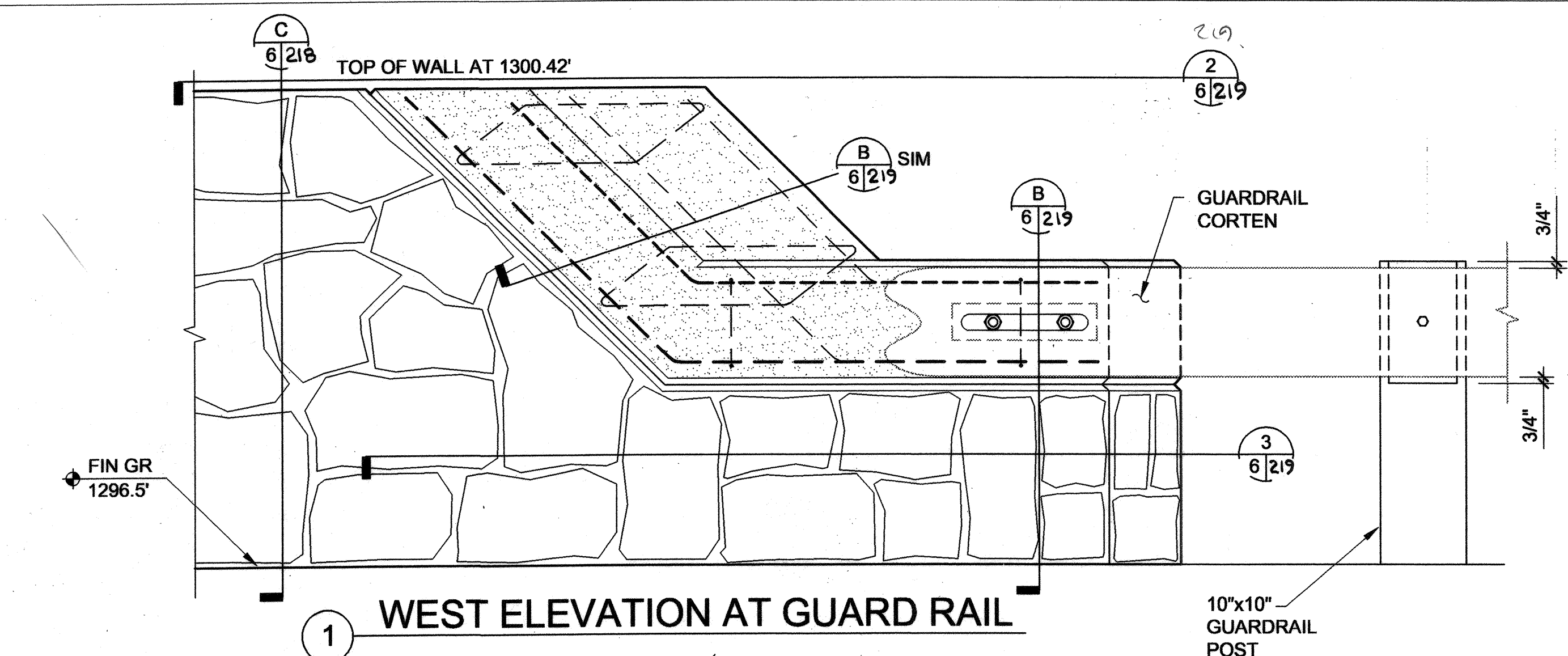


FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

	PLANS	BY	DATE
	DESIGNED	DK	
	CHECKED		
	DELETED	CV	

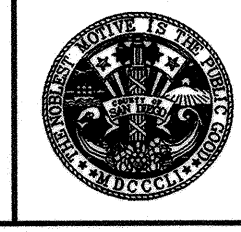
SDSE - Structural Engineers
3838 Camino Del Rio North, Suite 110
San Diego, California 92108-1742
Tel 619.297.2223, Fax 619.297.4913

Daniel P. Kornfeld
REGISTERED CIVIL ENGINEER DATE



- REINFORCED HOLLOW UNIT MASONRY
- MATERIALS: ($F_m = 1,500$ PSI)
CONCRETE BLOCK: CBC STD 21-4 GRADE N, LOAD BEARING, 1,900 PSI BLOCK, MEDIUM WEIGHT (105-125 PCF) OPEN ENDED, WITH BOND BEAM UNITS AT HORIZONTAL REINFORCING, DRY UNITS, YARD CURED 28 DAYS. (ASTM C-90)
 - MORTAR: CBC STD 21-15 TYPE S, 1,500 PSI MIN AT 28 DAYS
CBC STD 21-16 DAYS
CBC STD 21-20 (DO NOT USE MASONRY CEMENT)
 - GROUT: CBC STD 21-9 2,000 PSI AT 28 DAYS OR
CBC STD 21-18 EQUIVALENT TO BLOCK STRENGTH WHICHEVER IS GREATER WITH SIKKA GROUT AID, 8-10 INCH SLUMP
 - REINFORCEMENT: ASTM A-615 GRADE 60 TYPICAL
REINFORCEMENT: ASTM A-706 GRADE 60 FOR WELDED REINFORCEMENT
 - ANCHOR BOLTS: ASTM A-36 HOOKED ANCHOR BOLTS
ANCHOR BOLTS: ASTM A-307 HEADED MACHINE BOLTS
 - BLOCK LAYUP: RUNNING BOND, CONCAVE COMPRESSED JOINTS, INVERTED BOND BEAM UNITS FOR STARTING COURSES.
 - REINFORCEMENT:
 - A) VERTICAL: ONE PIECE, NO SPLICES, CENTERED IN THE WALL UNLESS SPECIFICALLY DETAILED OTHERWISE. VERTICAL SUPPORT SPACERS 200 REINFORCEMENT DIAMETERS MAXIMUM. DOWEL REINFORCEMENT TO SUPPORTING MEMBERS WITH SAME SIZE AND SPACING OF REINFORCEMENT AS SHOWN ON THE DRAWINGS.
 - B) SPLICES (LAPS): 52 BAR DIAMETERS OR 24 INCHES WHICHEVER IS GREATER. EPOXY COATED BARS SHALL HAVE THEIR LAP LENGTHS 50 % GREATER THAN THOSE SPECIFIED ABOVE.
 - C) WELDED REINFORCEMENT: ASTM A-706, CERTIFIED WELDERS. WELD PER AWS D1.4-98 WITH E90XX ELECTRODES.
 - D) ALL REINFORCING BARS SHALL BE DEFORMED BARS UNLESS OTHERWISE NOTED.
 - GROUTING:
 - A) ALL CELLS AND SPACES FILLED WITH GROUT.
 - B) CONSOLIDATED: AT TIME OF PLACEMENT BY MECHANICAL VIBRATION AND THEN RECONSOLIDATED BEFORE PLASTICITY IS LOST.
 - C) HORIZONTAL CONSTRUCTION JOINTS: FORMED BY STOPPING THE GROUT POUR NOT LESS THAN 1/2 INCH OR MORE THAN 2 INCHES BELOW THE TOP OF THE UPPERMOST UNIT GROUTED. HORIZONTAL REINFORCING SHALL BE FULLY EMBEDDED IN GROUT.
 - D) GROUT SHALL BE PLACED IN A CONTINUOUS POUR IN GROUT LIFTS NOT EXCEEDING 6 FEET.
 - REINFORCEMENT CONGESTION: DOUBLE OPEN END BLOCKS TO BE USED TO FACILITATE CONSTRUCTION.

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5555 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295



REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
370 N. 1781 E.
CONST. COMPL.
FIELD REVISIONS

VALLEY CENTER ROAD BRIDGE OVER
MOOSA CANYON CREEK 57C-0266
DETAILS

SHEET 6 SP258-1
SCALE: HOR. 1"=1' VERT. 1"=1'
W.A. UJ1101 R.S. 1838-3 TO -6
FILE NO.
SHEET 219 OF 256 SHEETS